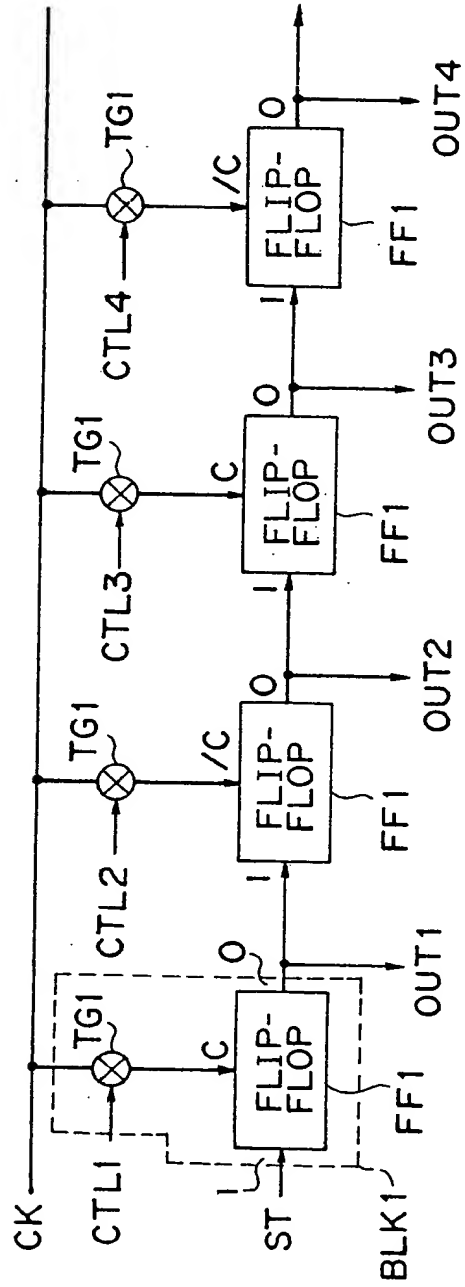


Fig. 1



0975467 0004
T0F020 29F5260

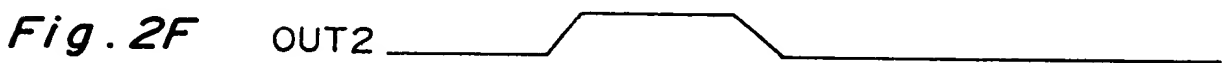
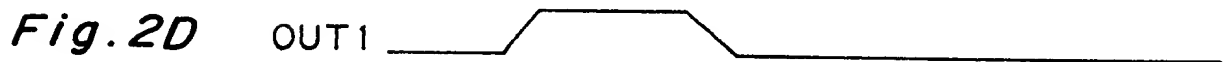
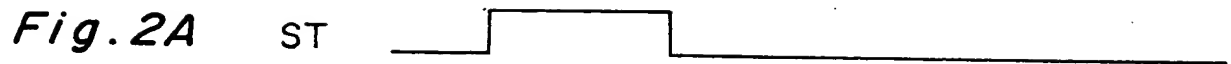


Fig.3

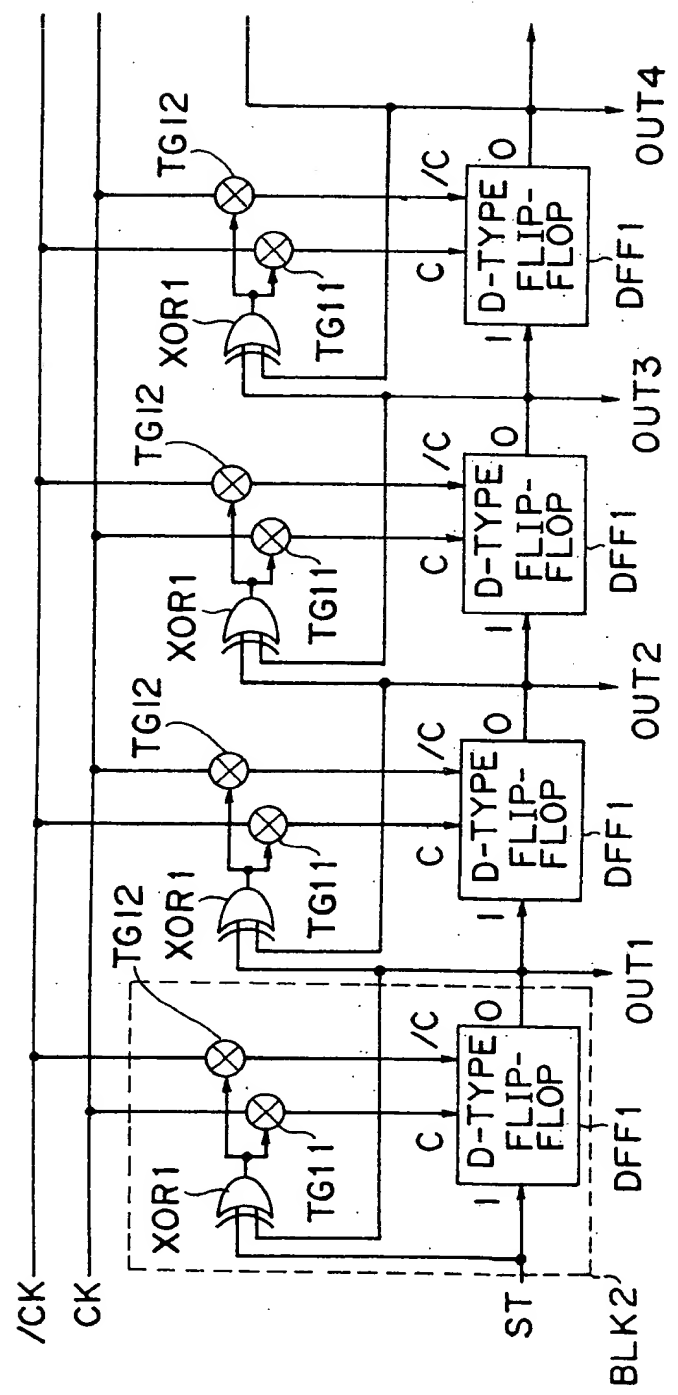


Fig. 5A ST 

ST

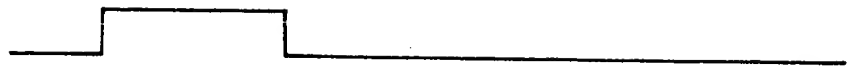


Fig. 5B CK 

CK



Fig. 5C /CK 

/CK



Fig. 5D XOR1

XOR 1



Fig. 5E C1 

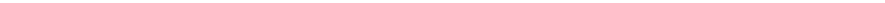
C 1



Fig. 5F /C1

/C1



Fig. 5G OUT1 A timing diagram for signal OUT1. The signal is low for a period, then rises to a high level for a duration, and then returns to low. The high level is indicated by a horizontal line above the baseline.


OUT 1



Fig.5H XOR2 

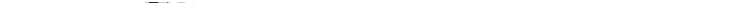
XOR2



Fig. 5I C2 

C2



Fig. 5J /C2 

/C2

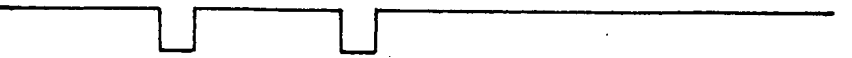


Fig. 5K OUT2  OUT2 is a digital signal that transitions from a low state to a high state at approximately 1.5 ns, remains high until approximately 2.5 ns, and then returns to a low state.

OUT2

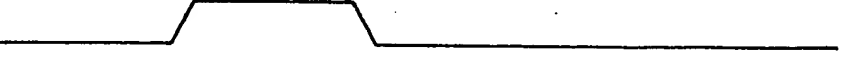

$$\begin{array}{l} \text{Theorem 1.1.} \quad \text{Let } \mathcal{A} \text{ be a } \mathbb{K}\text{-algebra and } \mathcal{B} \text{ be a } \mathbb{K}\text{-algebra.} \\ \text{Then, the following conditions are equivalent:} \\ \text{(i) } \mathcal{A} \text{ is a } \mathbb{K}\text{-algebra and } \mathcal{B} \text{ is a } \mathbb{K}\text{-algebra.} \\ \text{(ii) } \mathcal{A} \text{ is a } \mathbb{K}\text{-algebra and } \mathcal{B} \text{ is a } \mathbb{K}\text{-algebra.} \\ \text{(iii) } \mathcal{A} \text{ is a } \mathbb{K}\text{-algebra and } \mathcal{B} \text{ is a } \mathbb{K}\text{-algebra.} \end{array}$$

Fig. 6

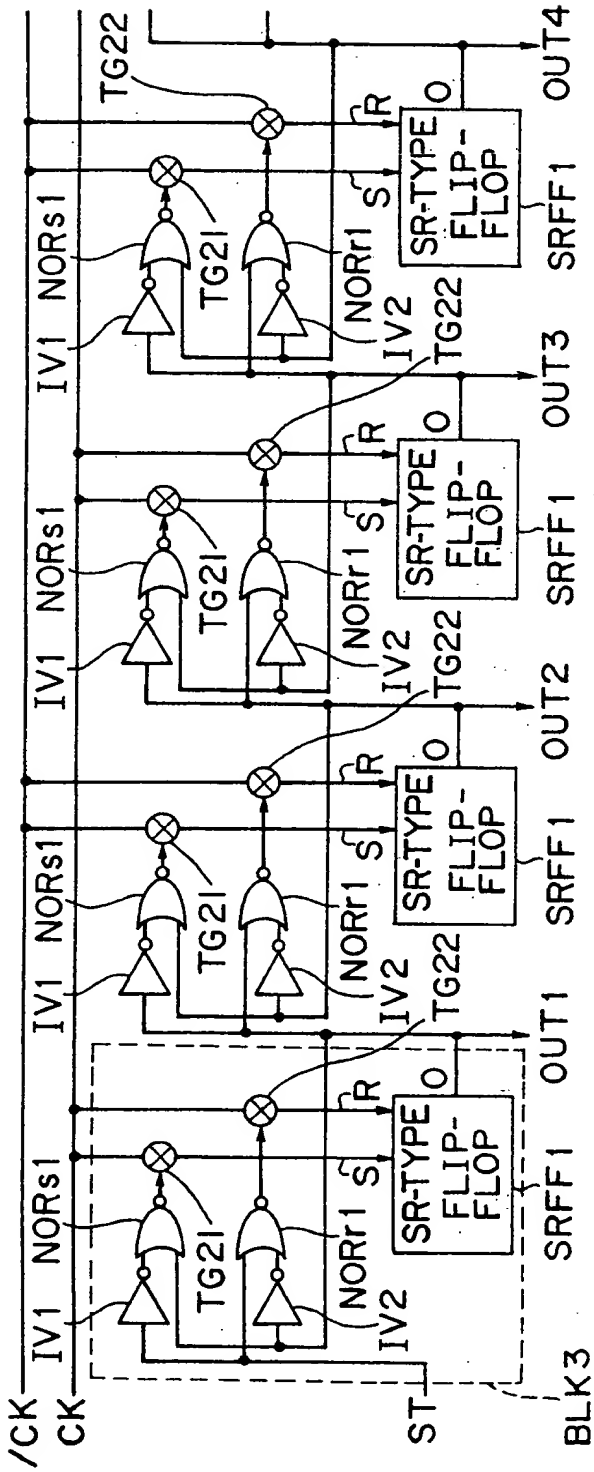


Fig. 7

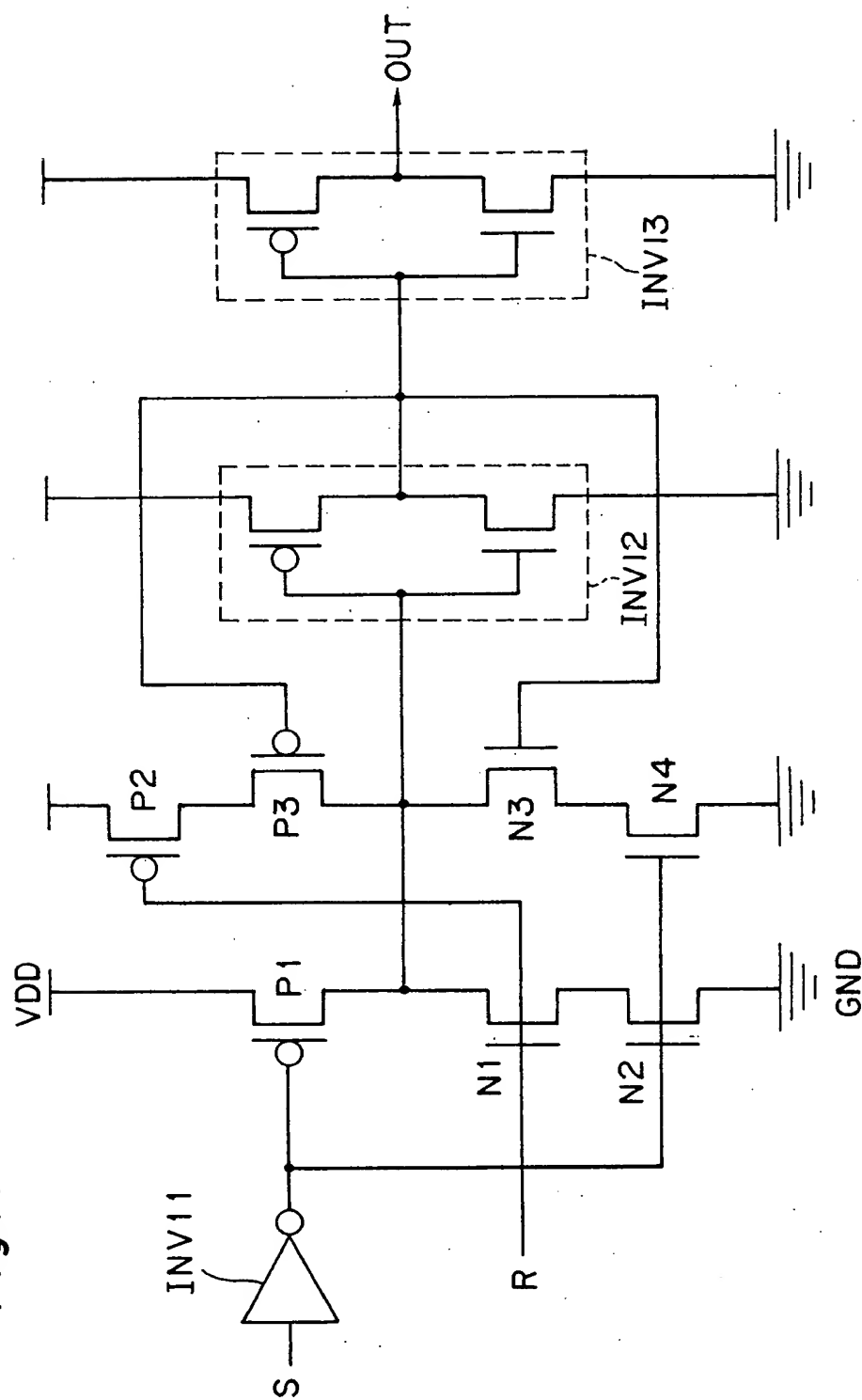


Fig. 8A



Fig. 8B



Fig. 8C



Fig. 8D

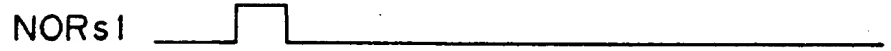


Fig. 8E



Fig. 8F



Fig. 8G



Fig. 8H



Fig. 8I

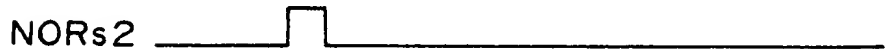


Fig. 8J



Fig. 8K



Fig. 8L



Fig. 8M



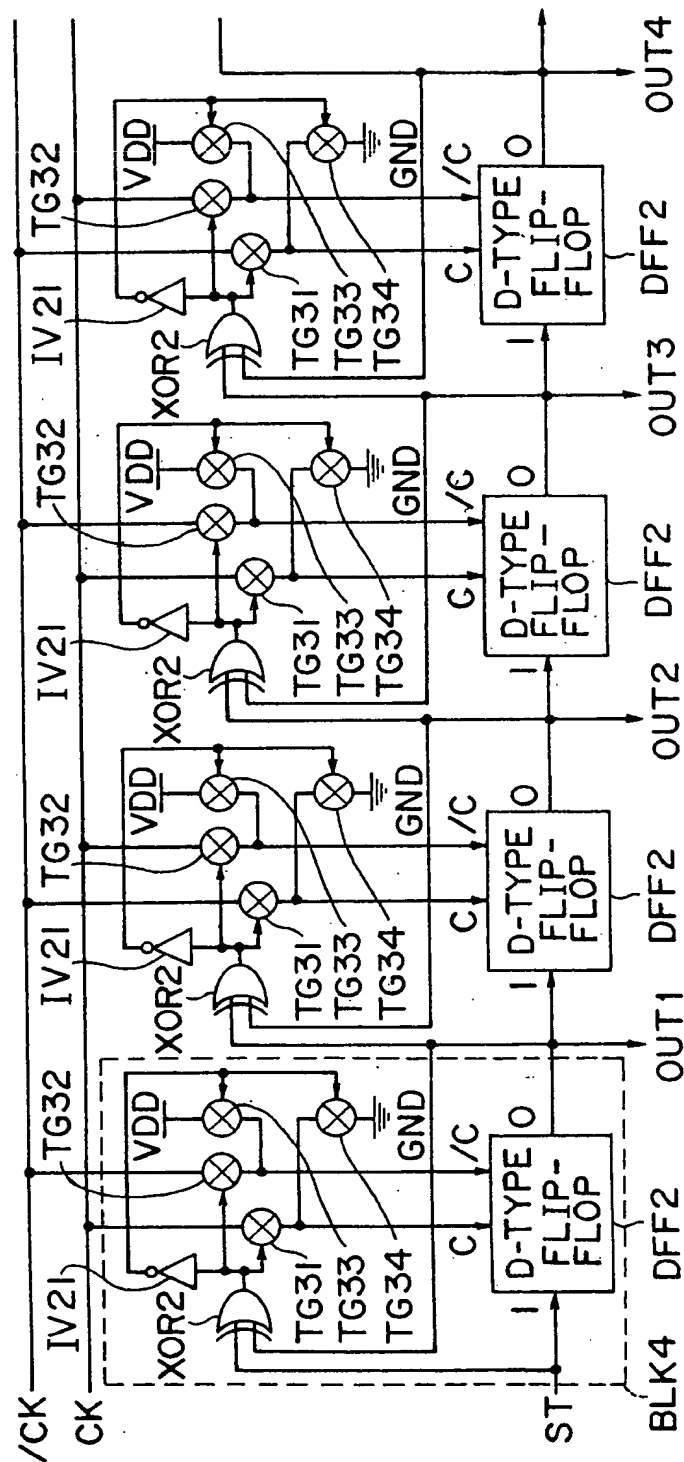


Fig. 10

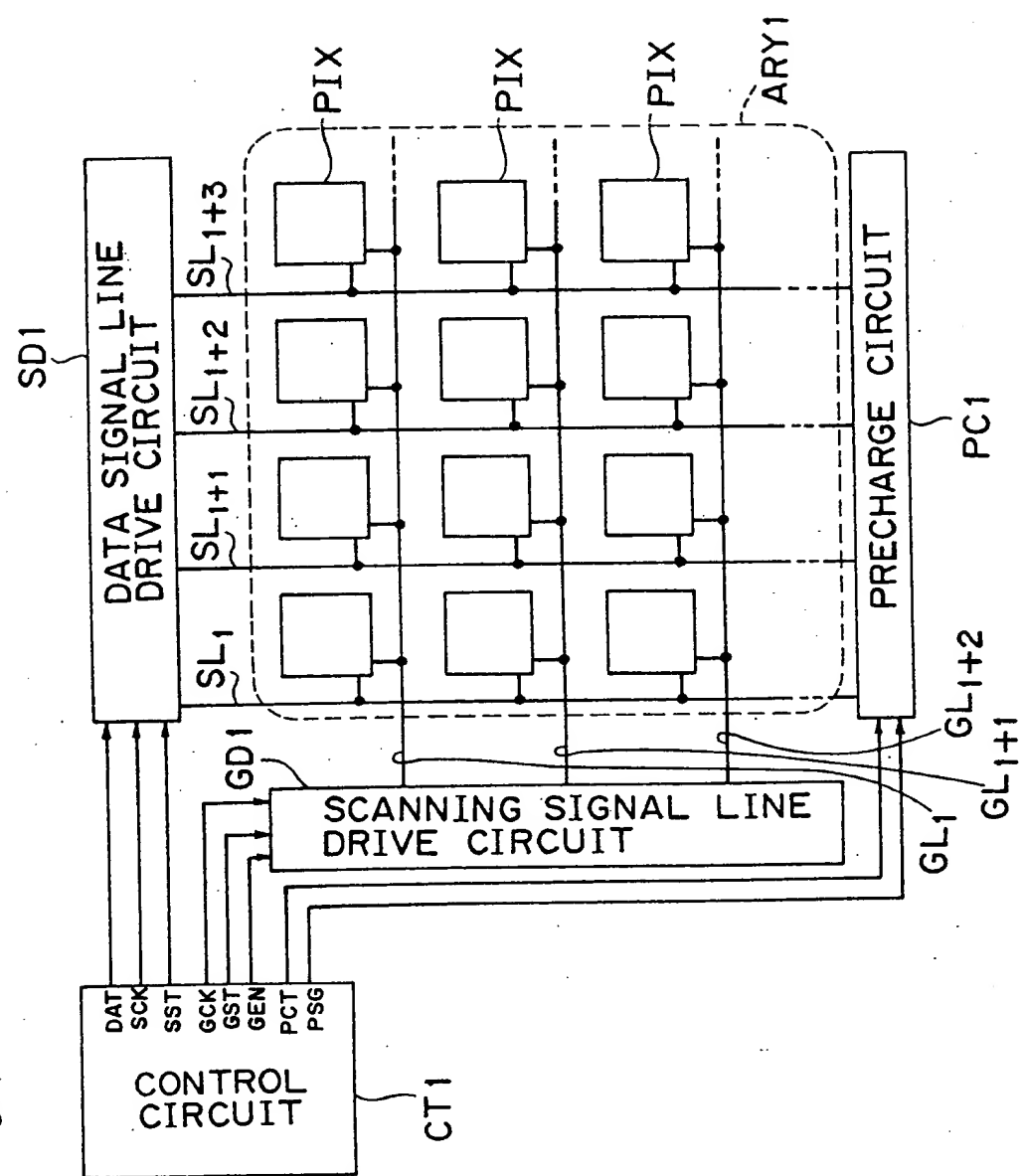


Fig. 11

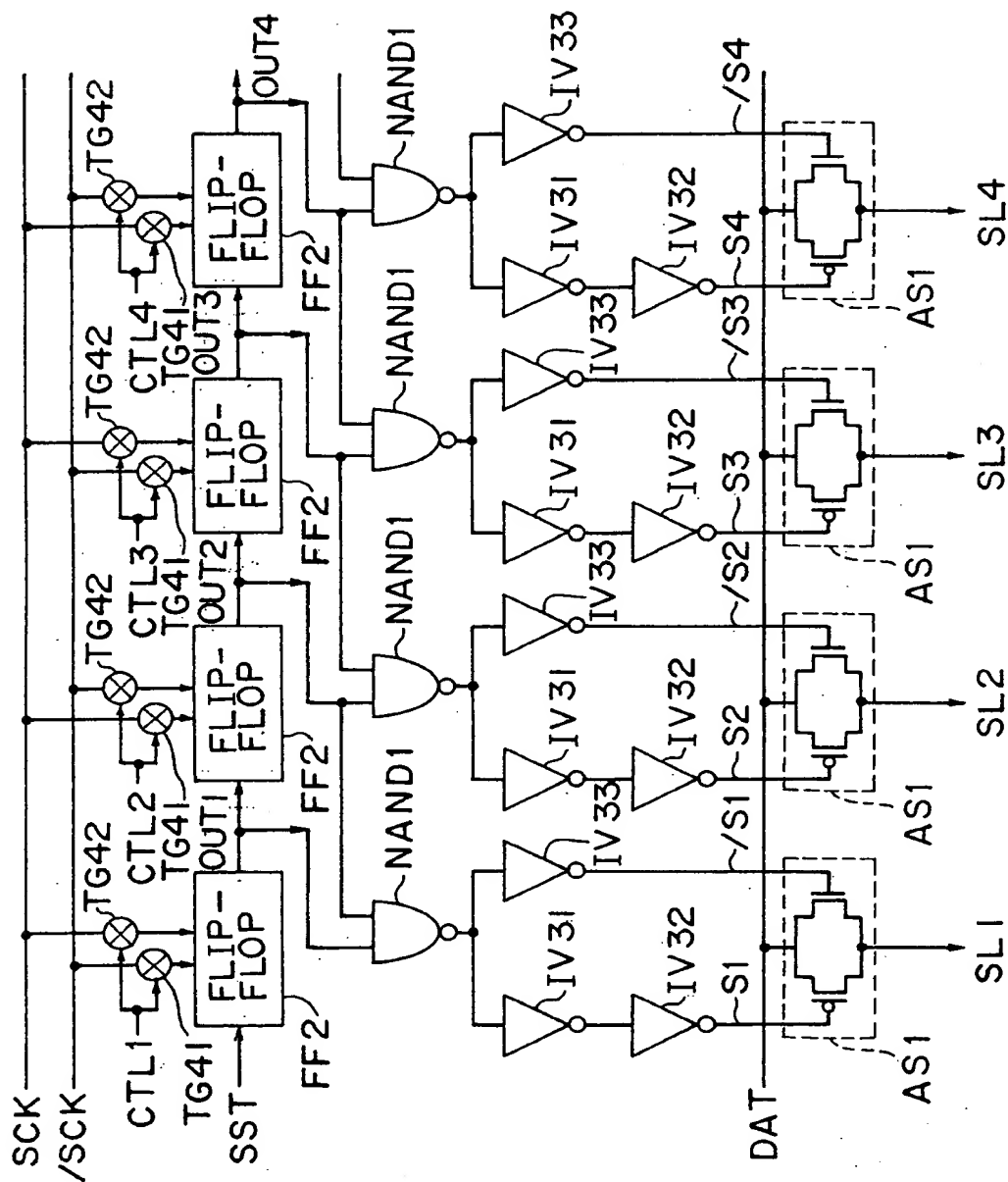
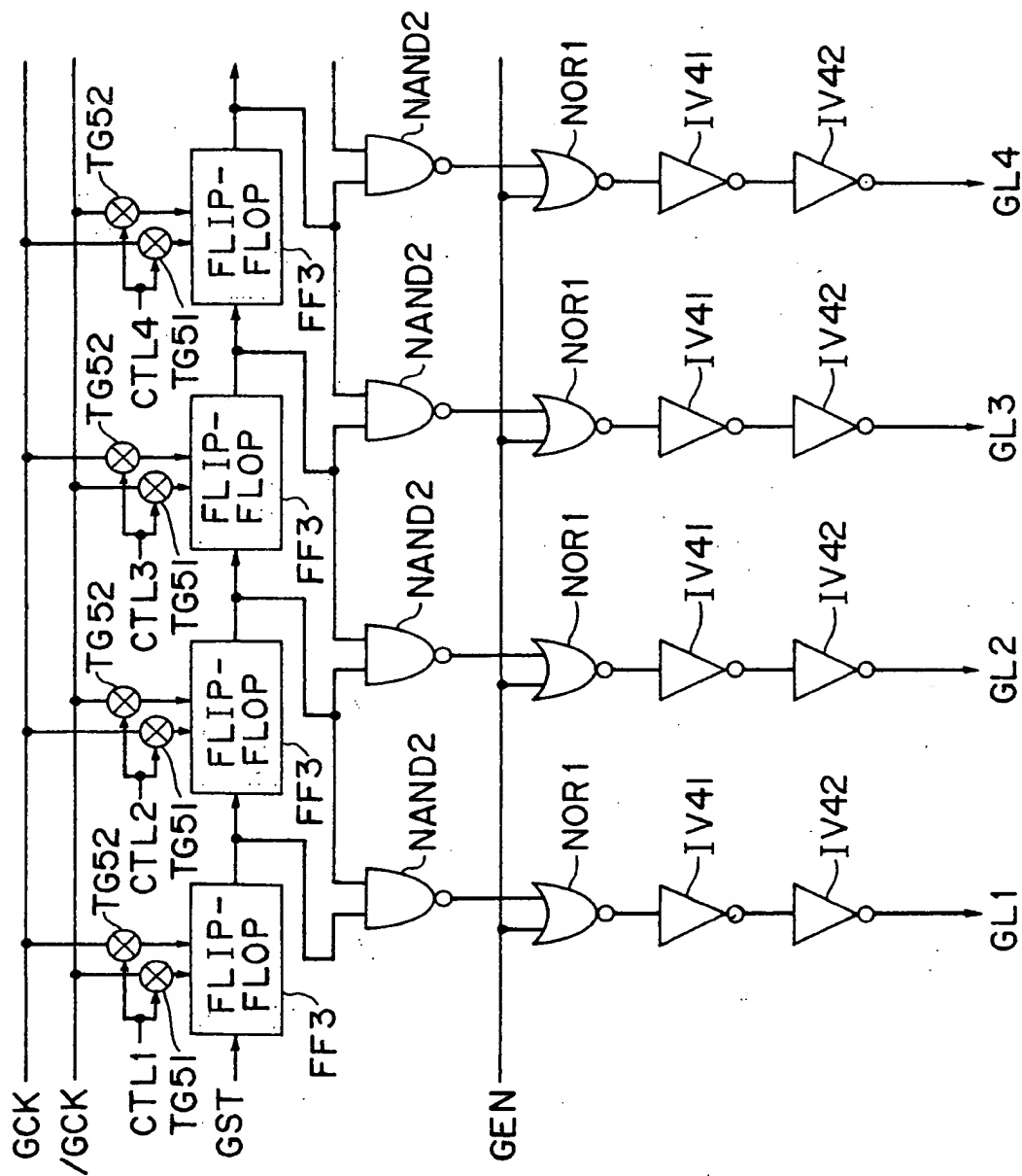


Fig. 12



TOP SECRET

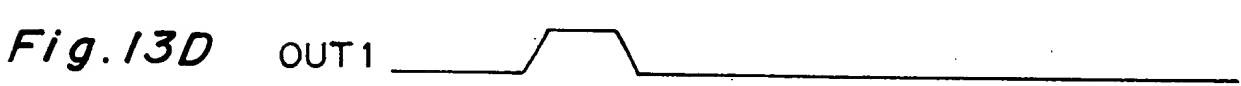


Fig.14A SST 

Fig.14B SCK 


Fig.14C CTL1 

Fig.14D OUT1 

Fig.14E CTL2 

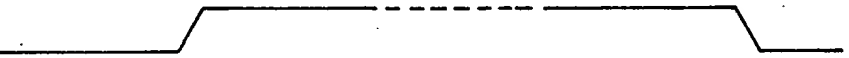
Fig.14F OUT2 

Fig.14G CTL3 

Fig.14H OUT3 

Fig.14I CTL4 

Fig.14J OUT4 

Fig. 15

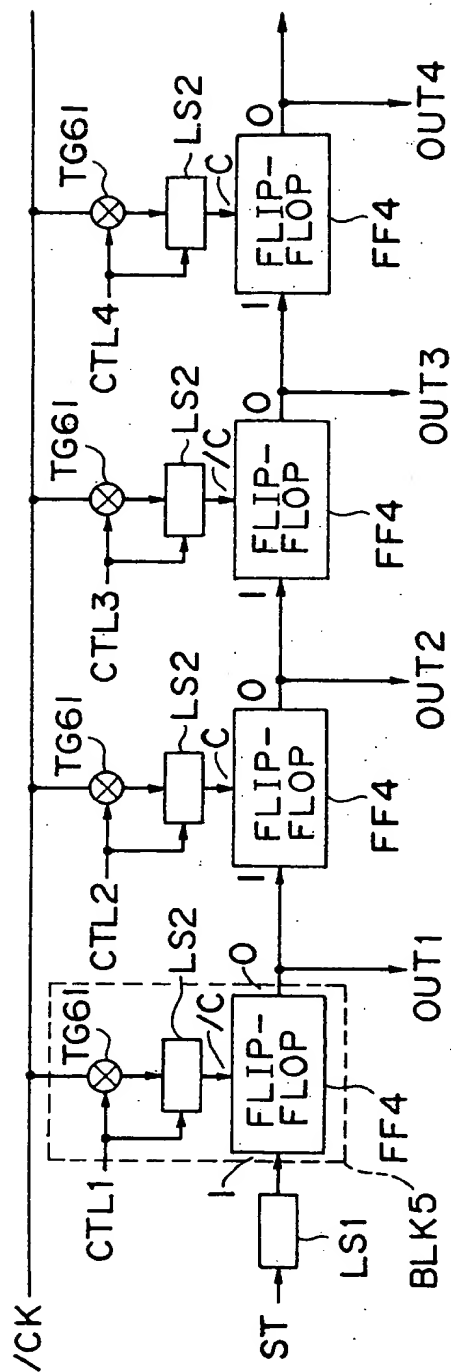
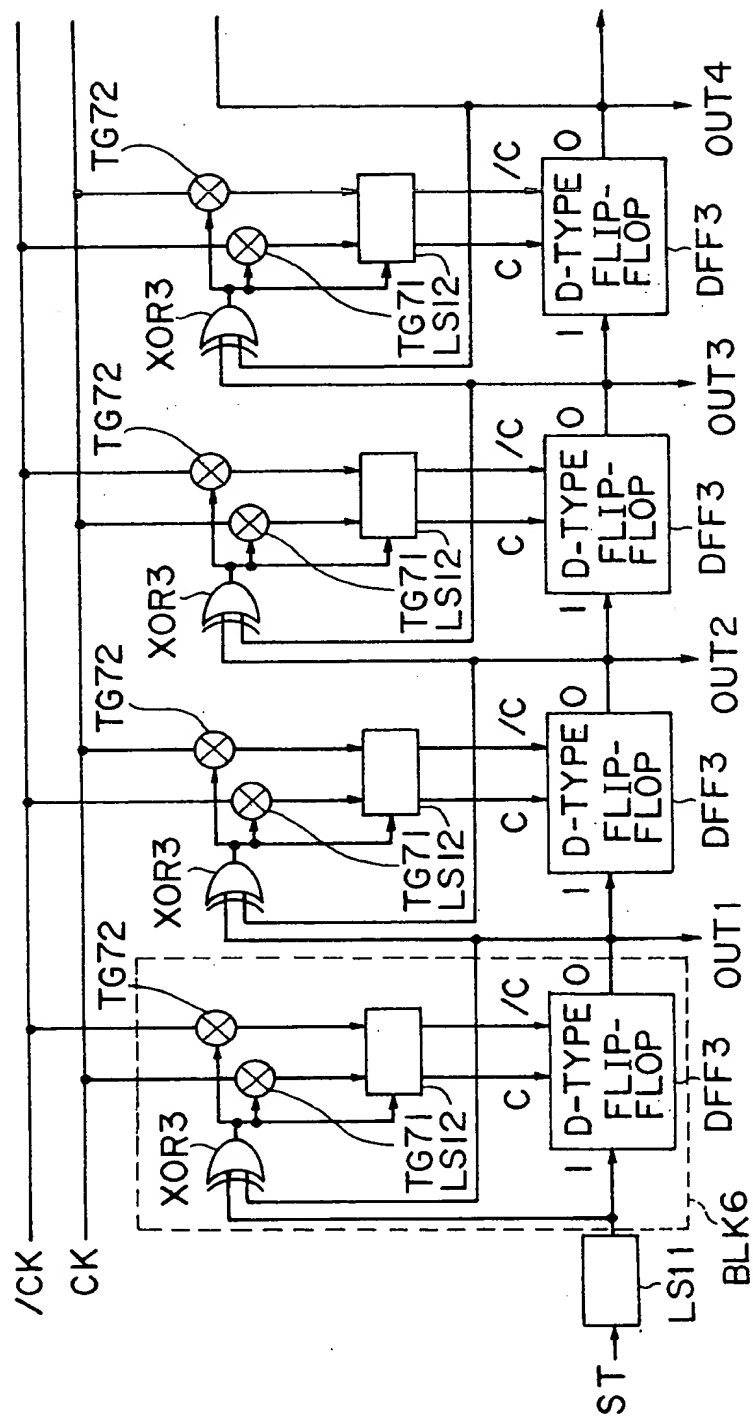


Fig. 17



TOP SECRET

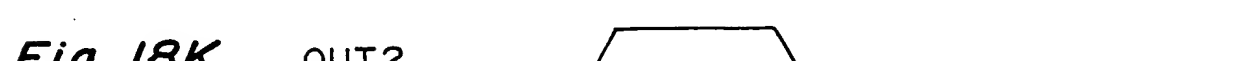
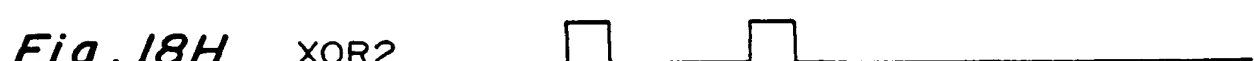
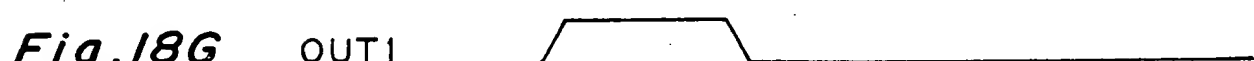
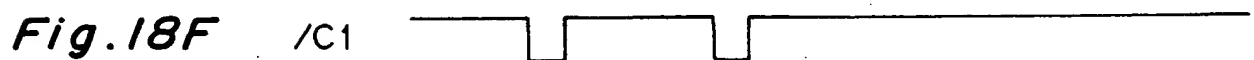
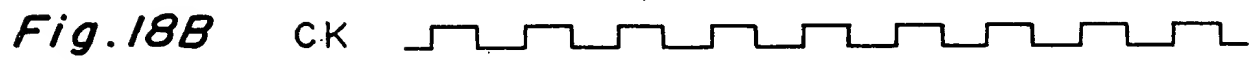
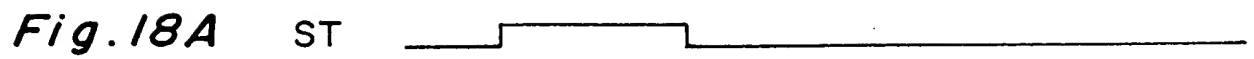


Fig. 19

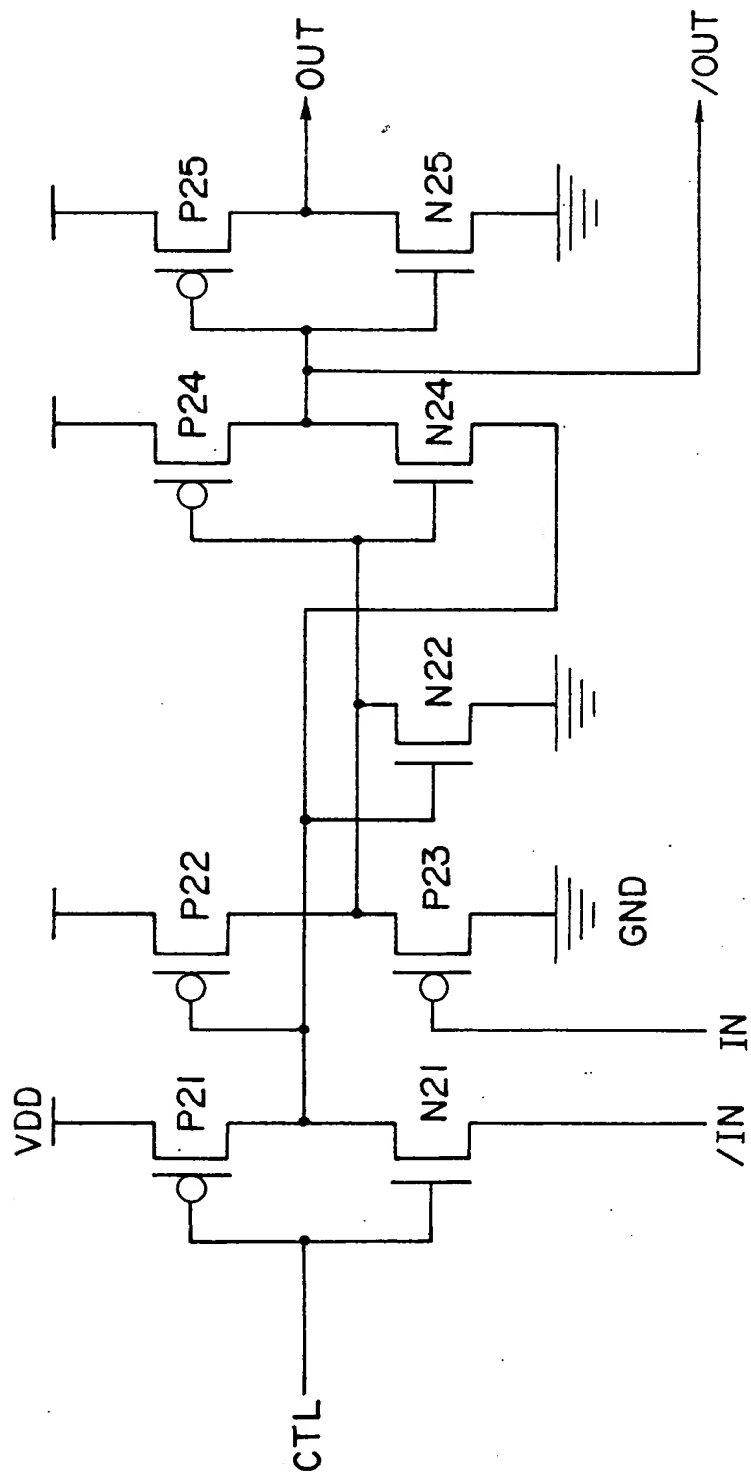


Fig. 20

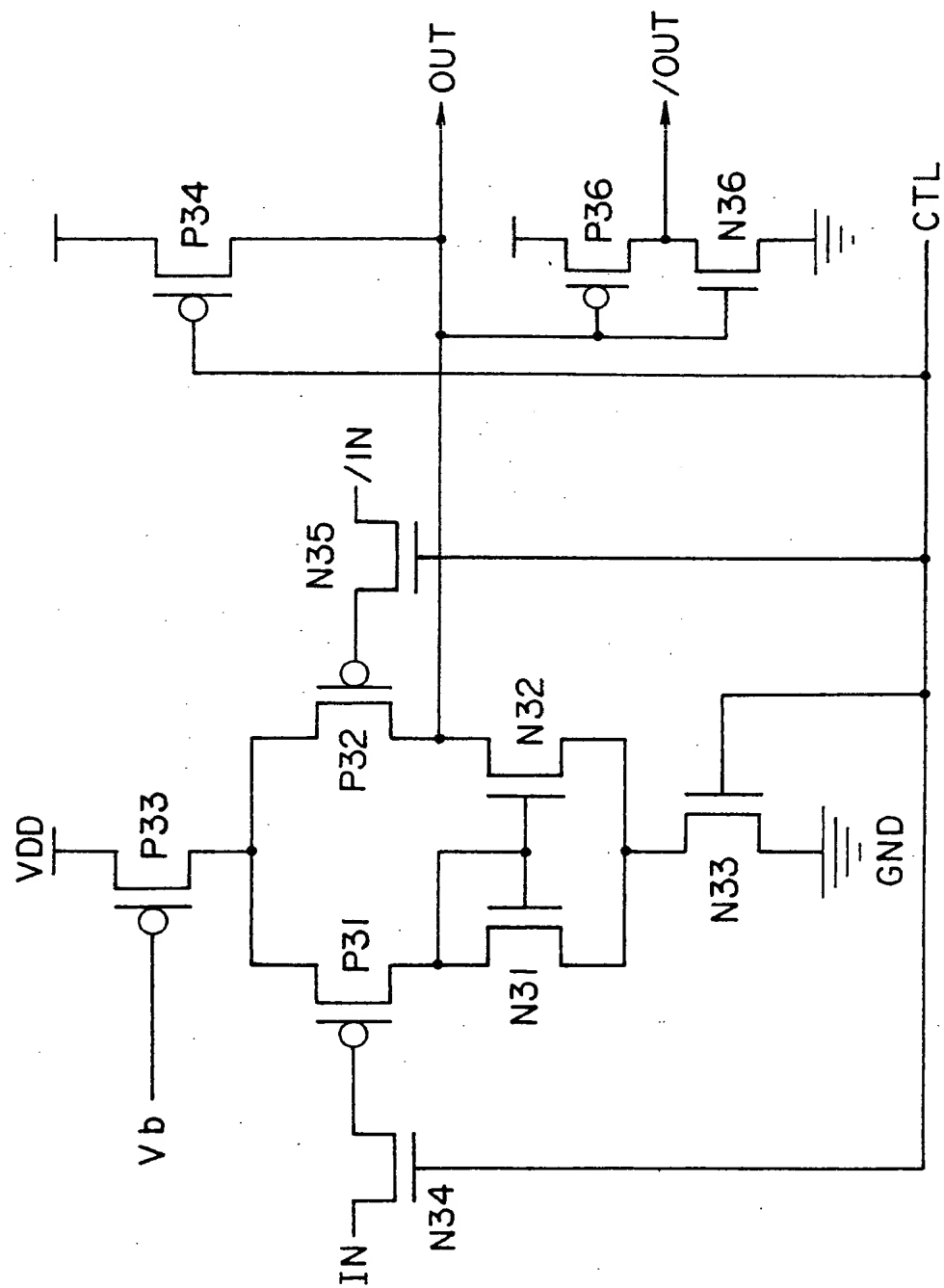


Fig. 22 A ST 


Fig. 22 B CK 

Fig. 22 C /CK 

Fig. 22 D NORs1 

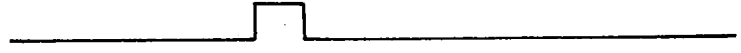
Fig. 22 E NORr1 

Fig. 22 F S1 

Fig. 22 G R1 

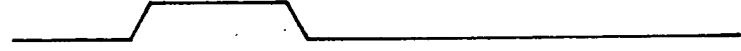
Fig. 22 H OUT1 

Fig. 22 I NORs2 


Fig. 22 J NORr2 

Fig. 22 K S2 


Fig. 22 L R2 

Fig. 22 M OUT2 

Fig. 23

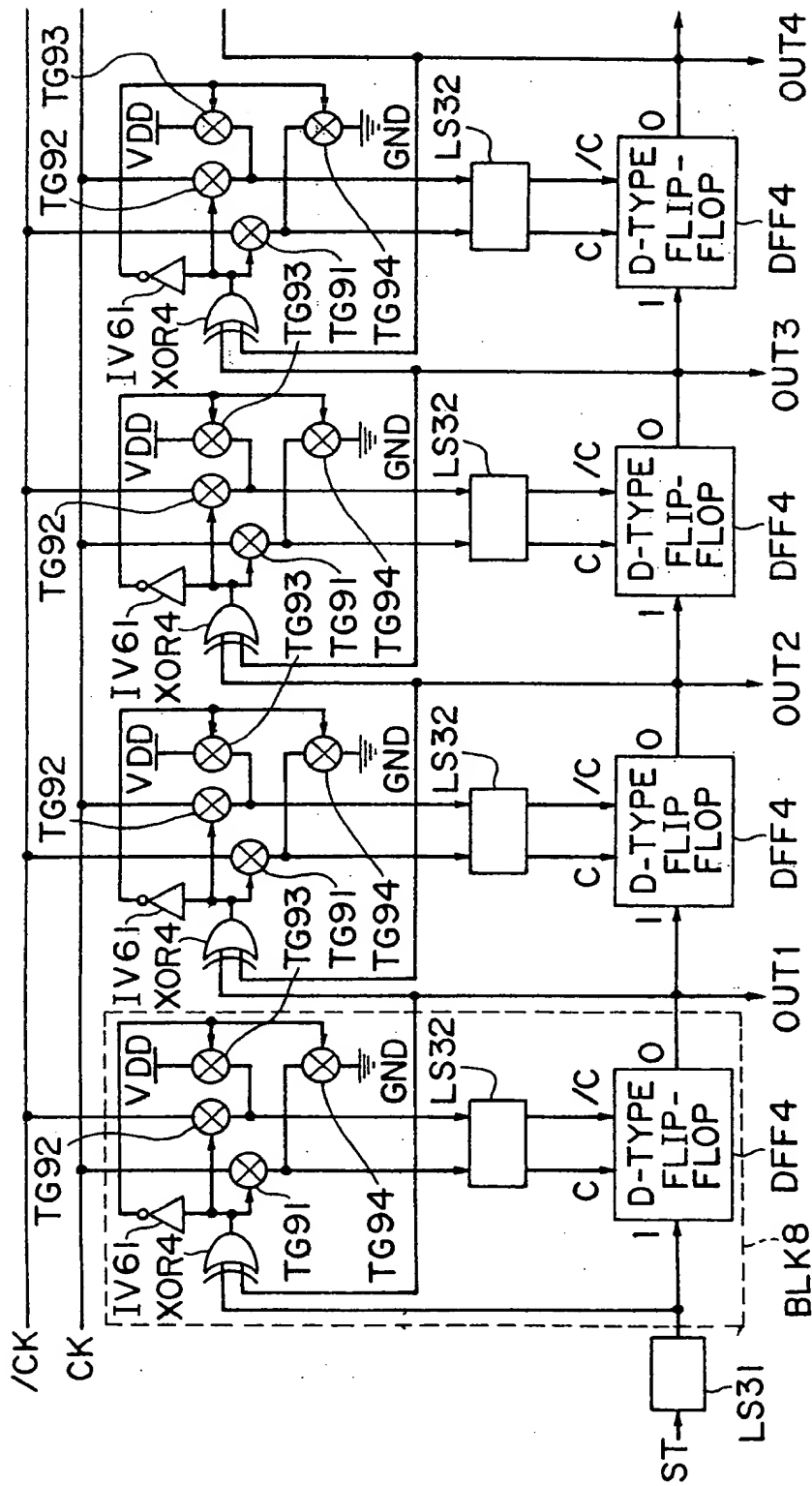


Fig. 24

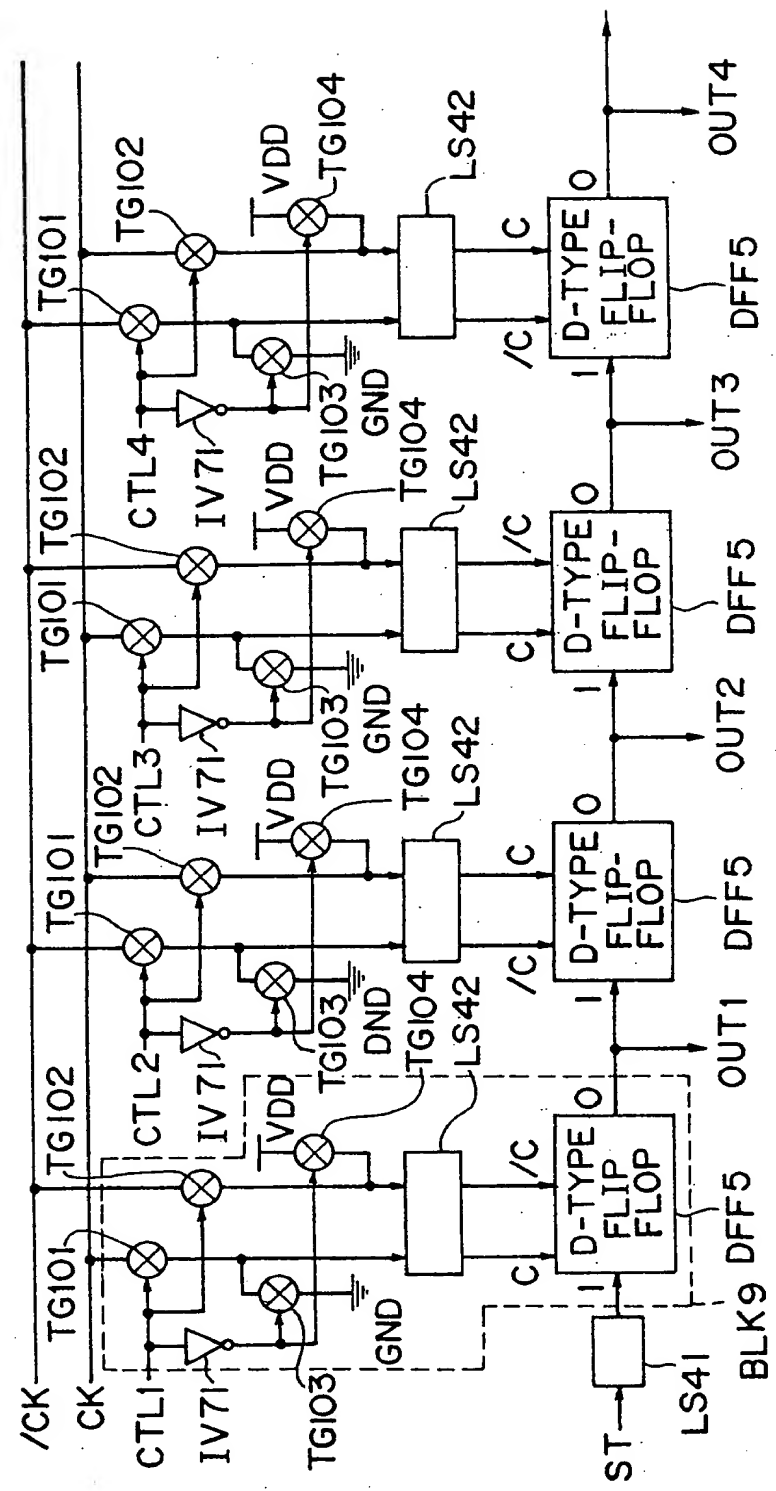


Fig. 25

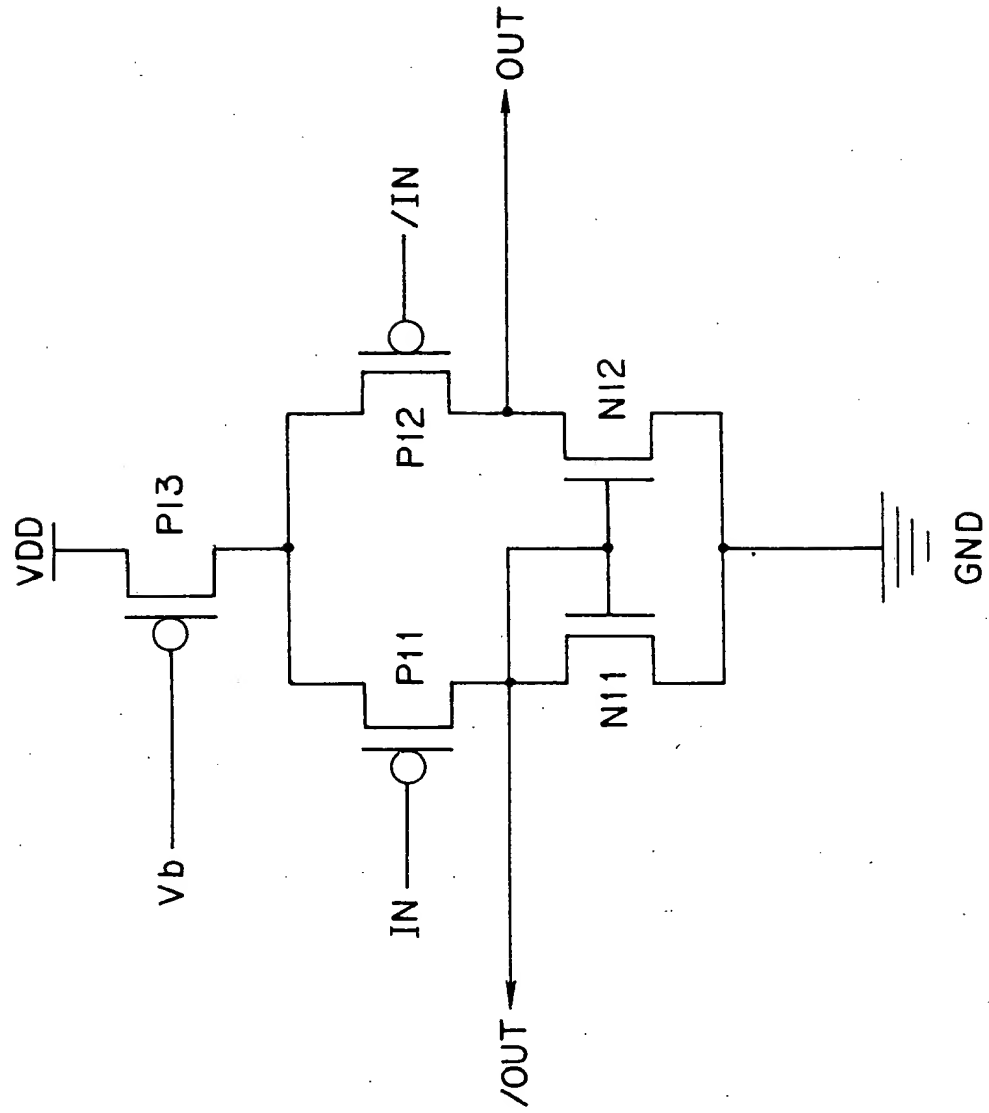


Fig. 26

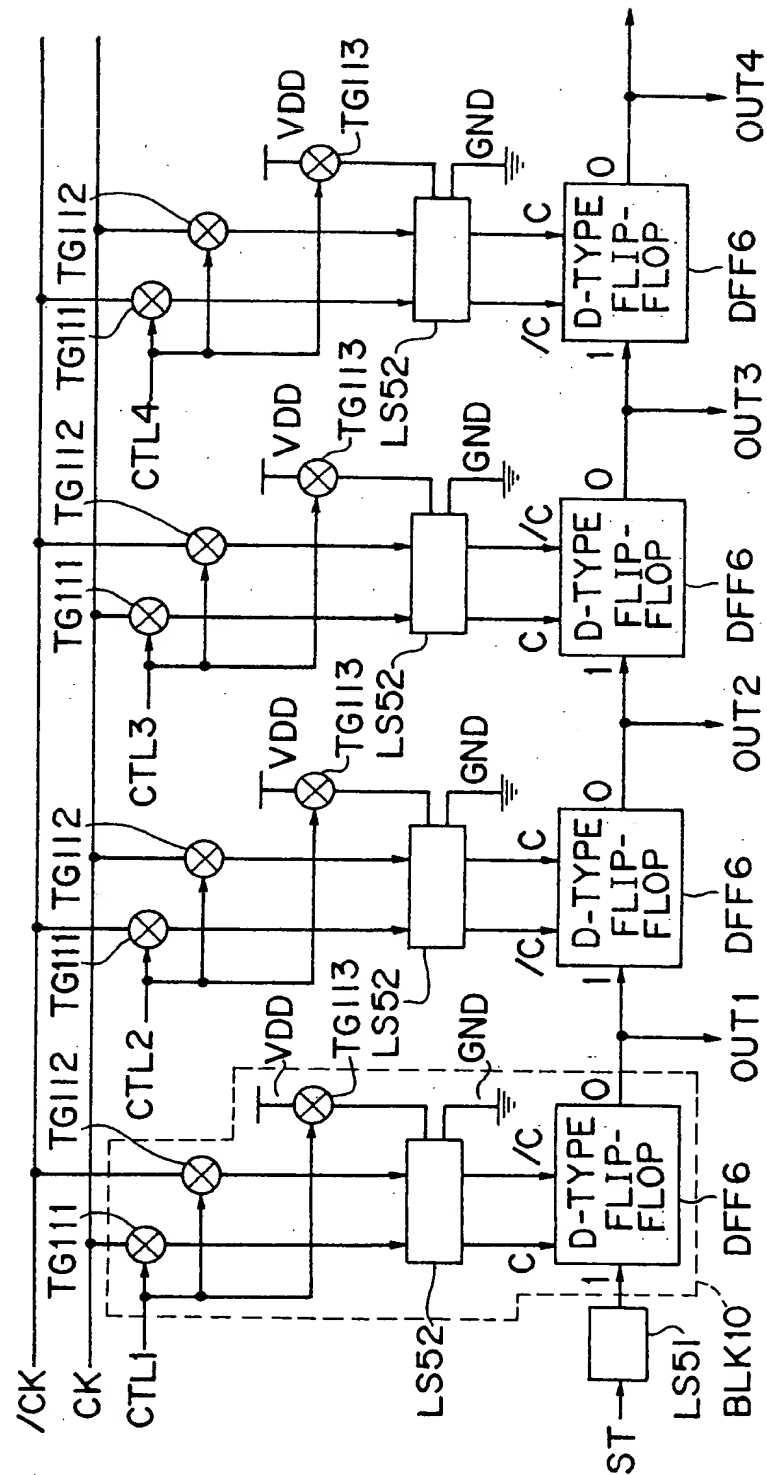


Fig. 27

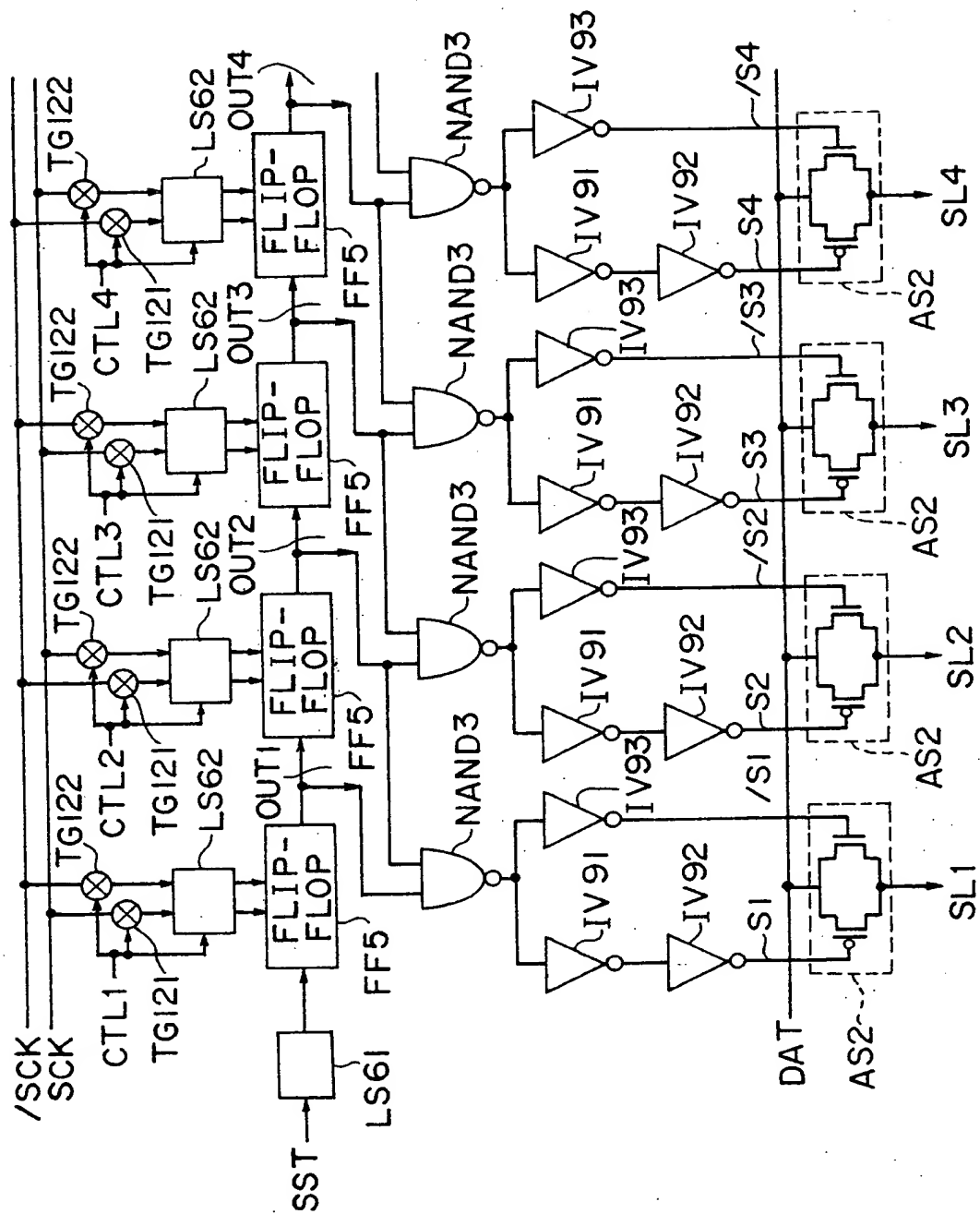


Fig. 28

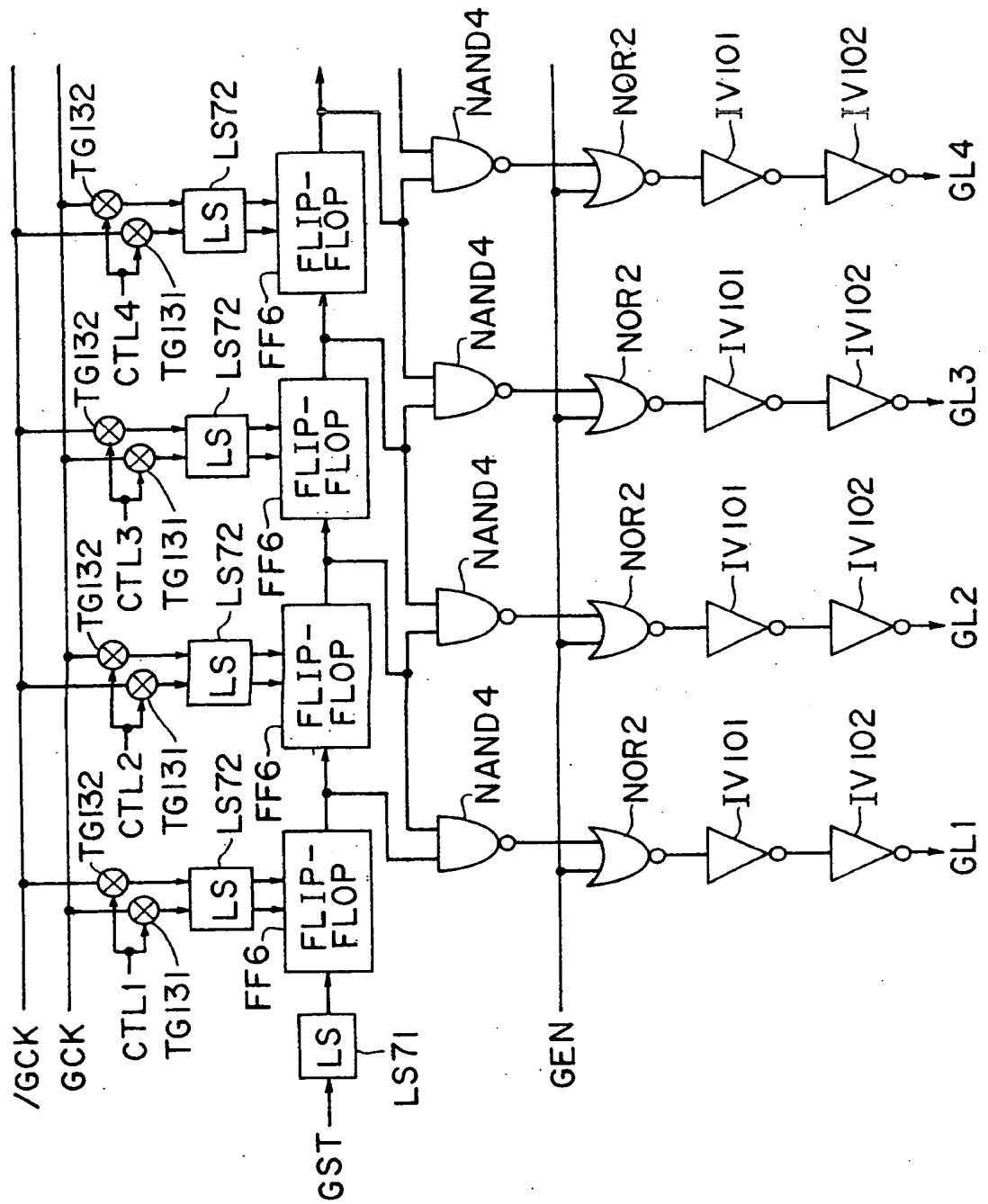


Fig.29A SST 

Fig.29B SCK 

Fig.29C CTL1 

Fig.29D OUT1 

Fig.29E CTL2 

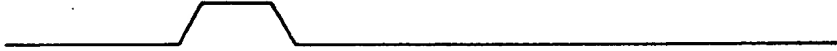
Fig.29F OUT2 

Fig.29G CTL3 

Fig.29H OUT3 

Fig.29I CTL4 

Fig.29J OUT4 

104030 294260

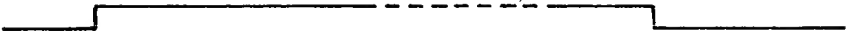
Fig.30A SST 

Fig.30B SCK 

Fig.30C CTL1 


Fig.30D OUT1 

Fig.30E CTL2 

Fig.30F OUT2 

Fig.30G CTL3 

Fig.30H OUT3 

Fig.30I CTL4 

Fig.30J OUT4 

Fig. 31

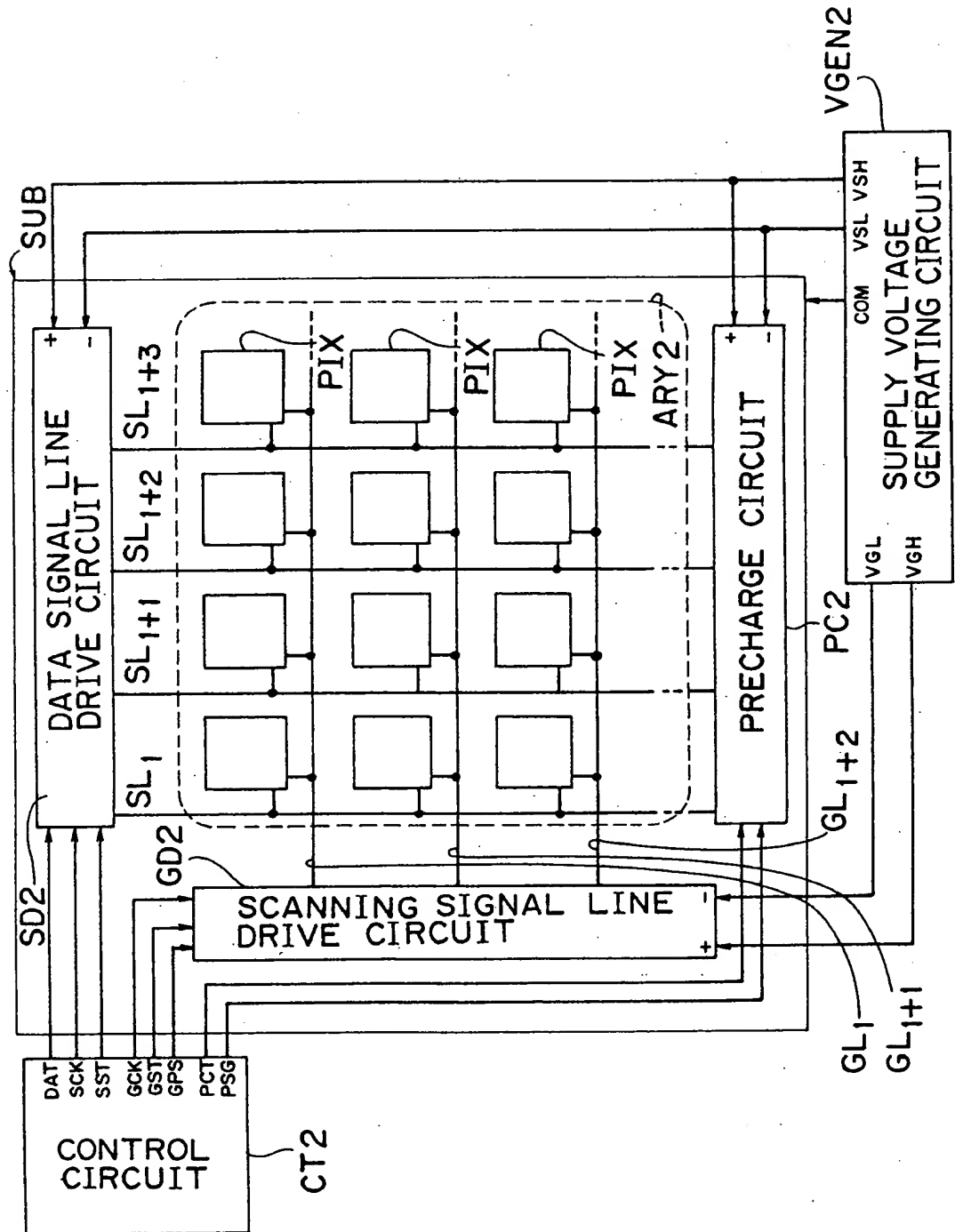


Fig. 32

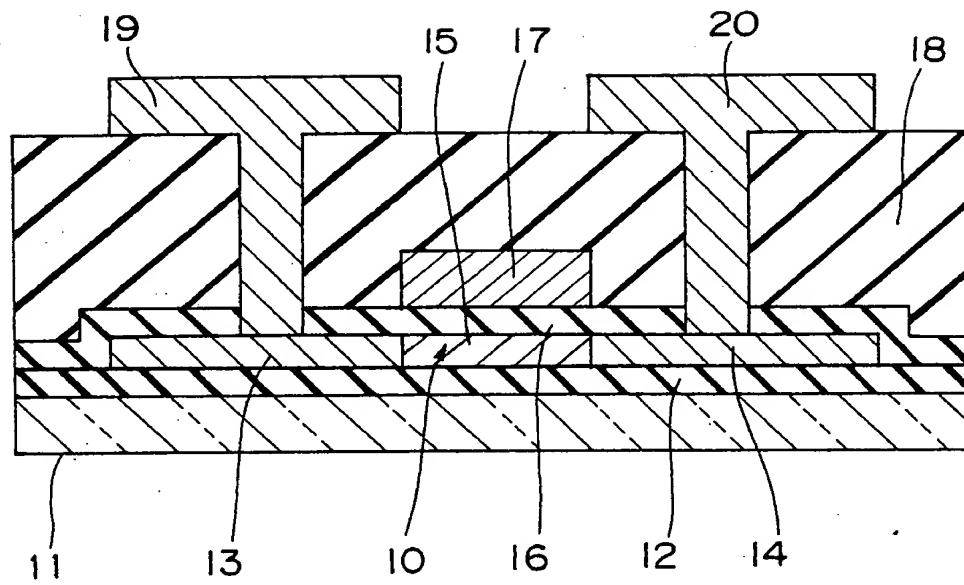


Fig. 33A



Fig. 33B

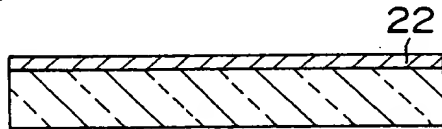


Fig. 33C

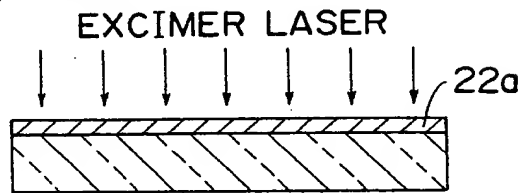


Fig. 33D

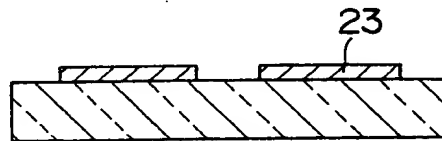


Fig. 33E

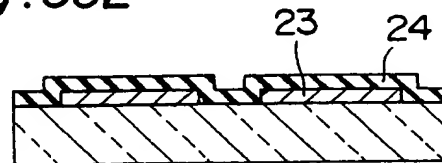


Fig. 33F

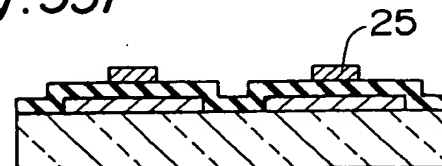


Fig. 33G

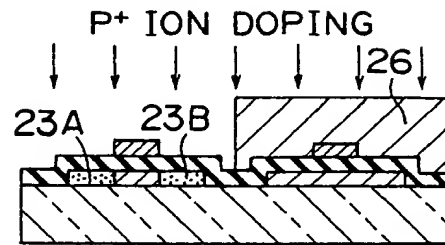


Fig. 33H

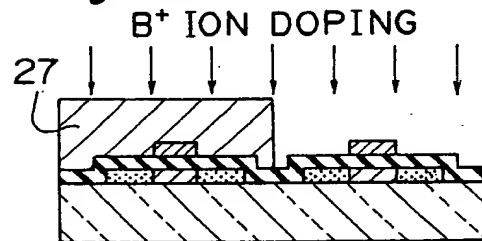


Fig. 33I

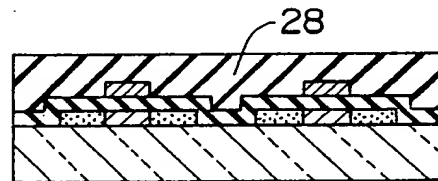


Fig. 33J

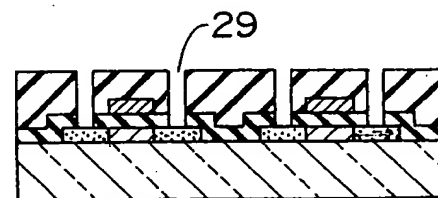


Fig. 33K

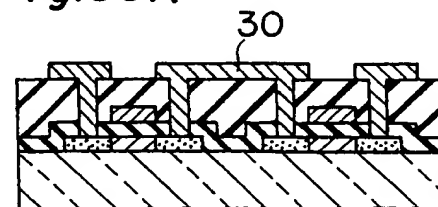


Fig. 34 PRIOR ART

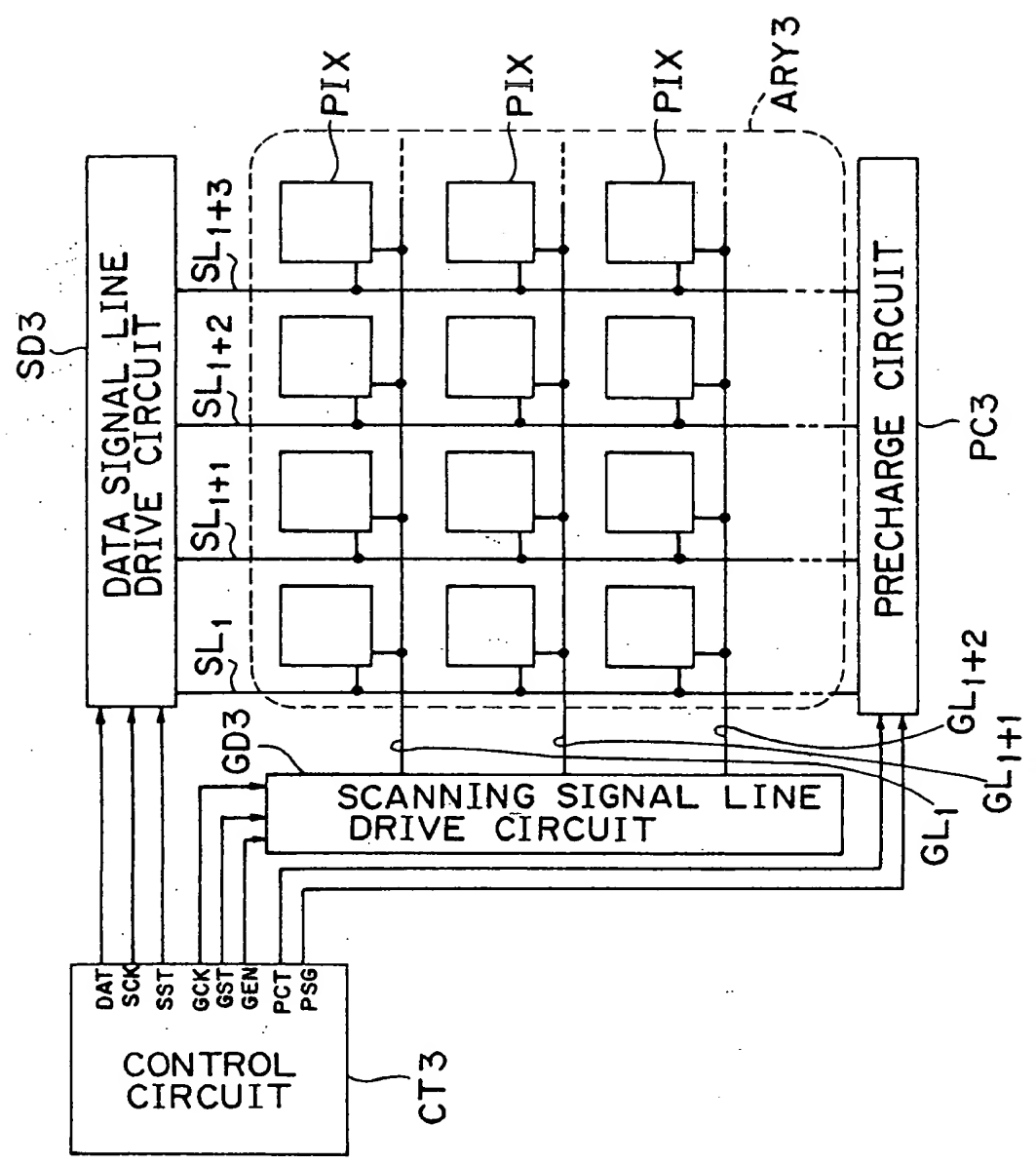


Fig. 35 PRIOR ART

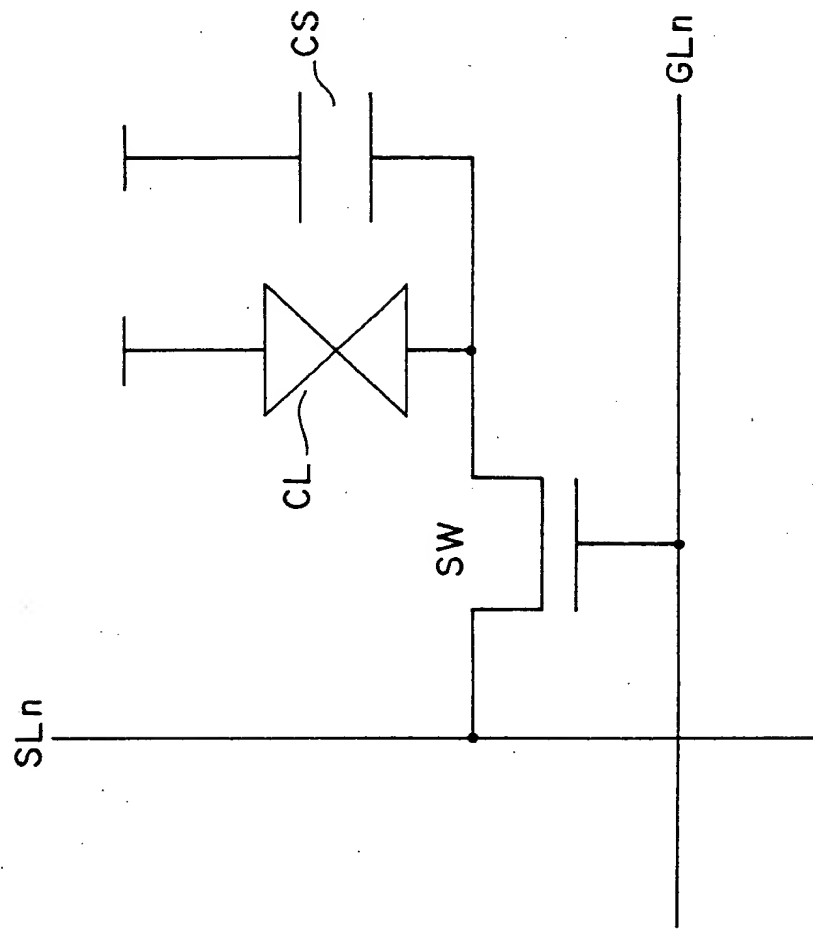


Fig. 36 PRIOR ART

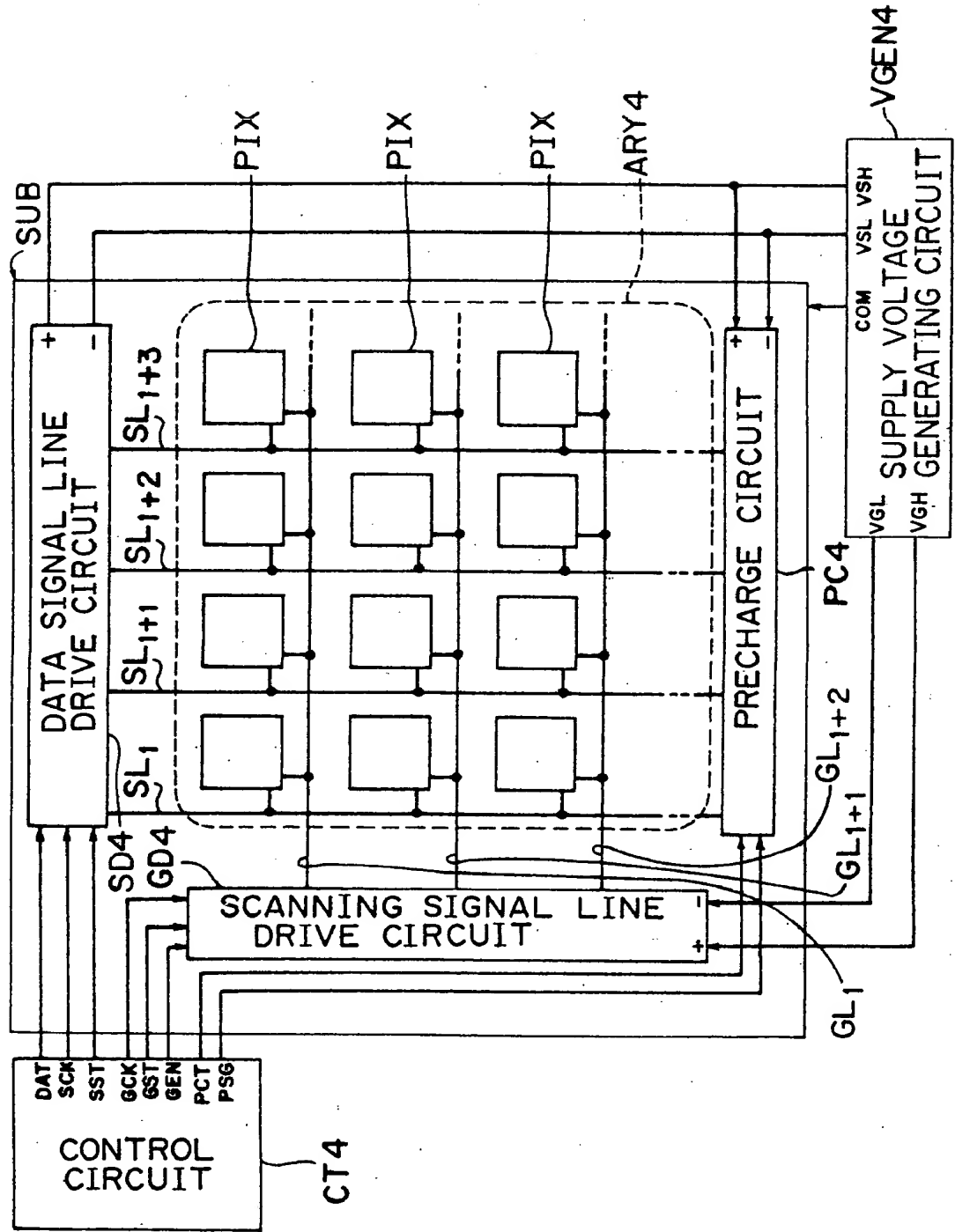


Fig. 37 PRIOR ART

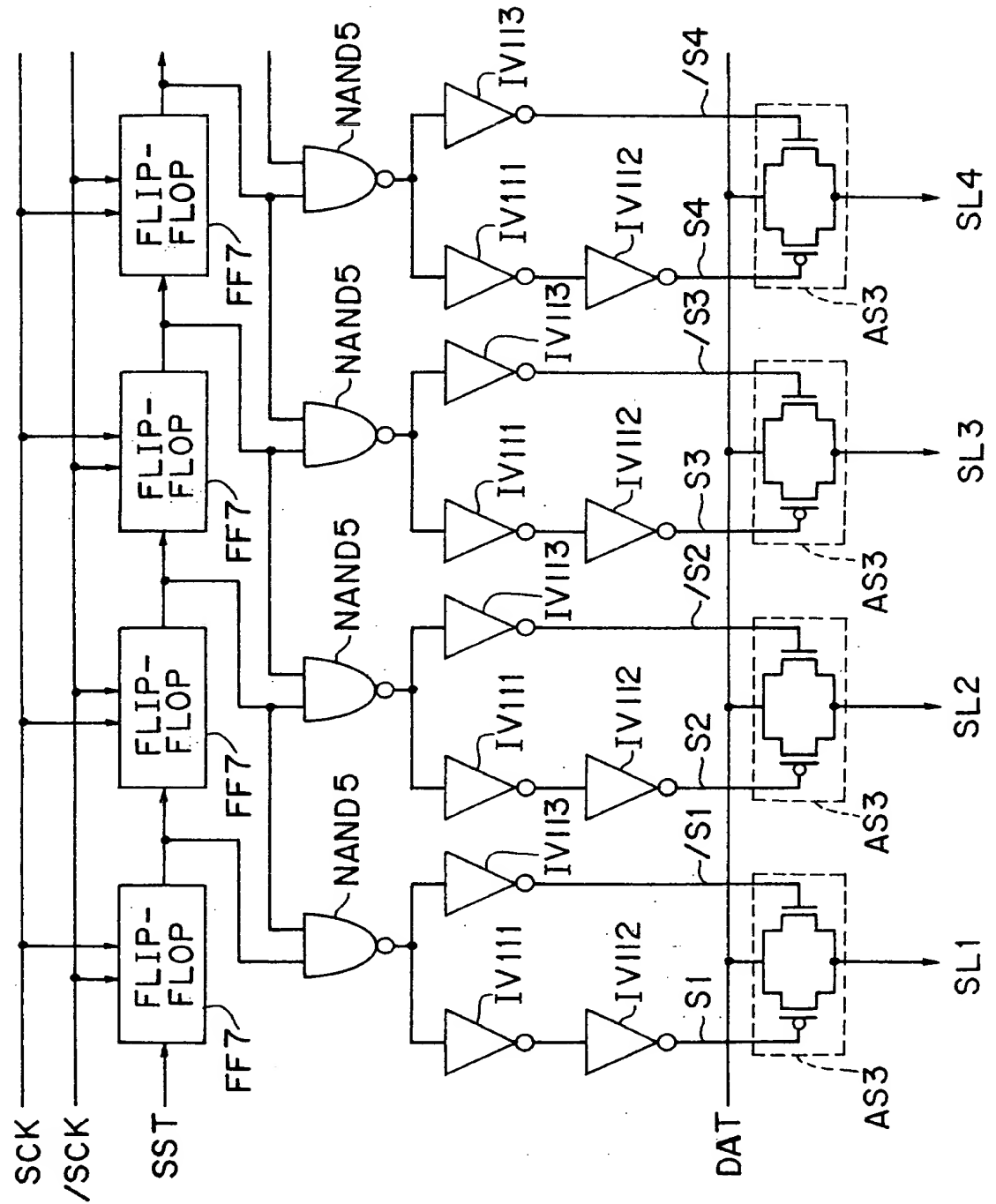


Fig.38 PRIOR ART

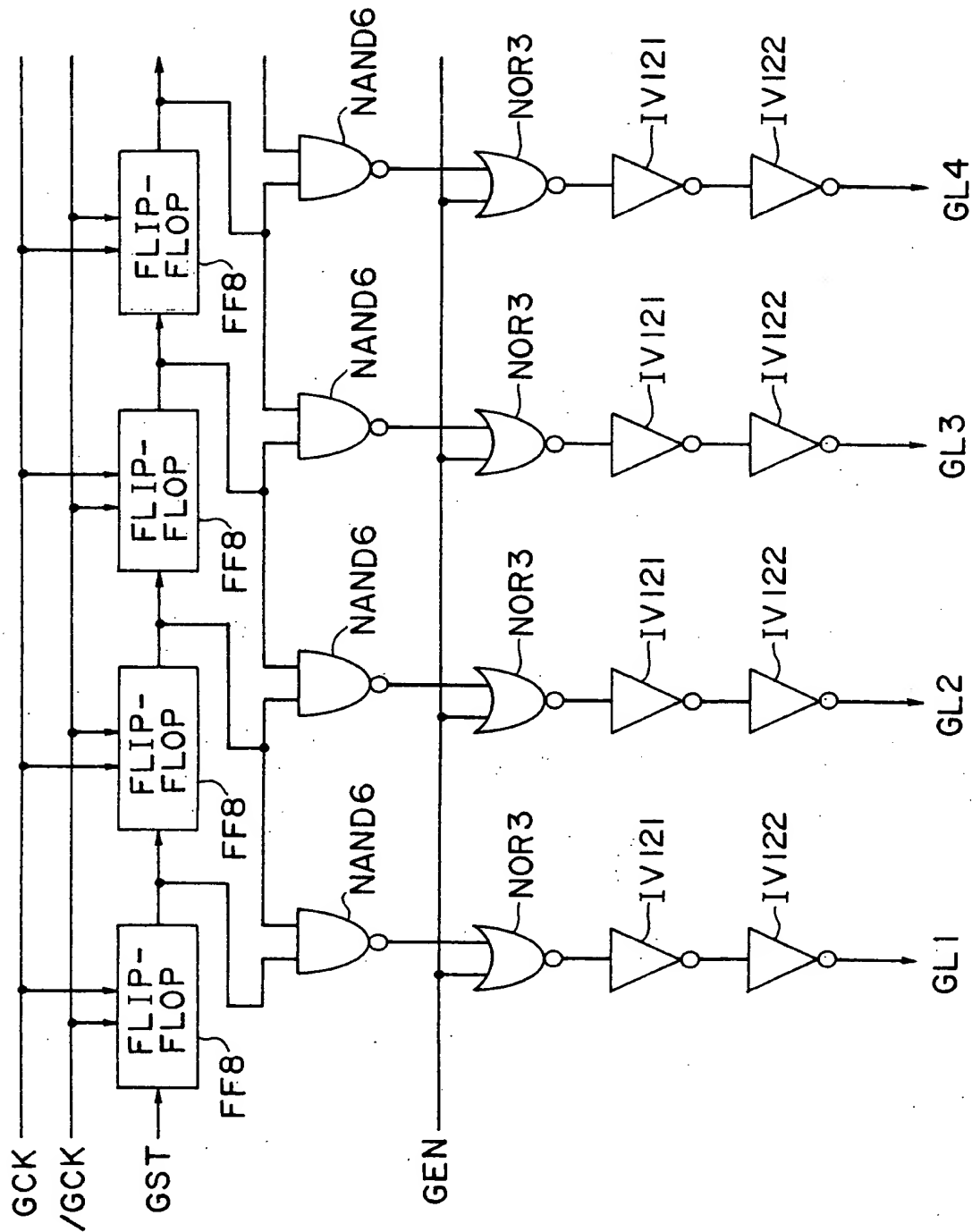


Fig. 39 PRIOR ART

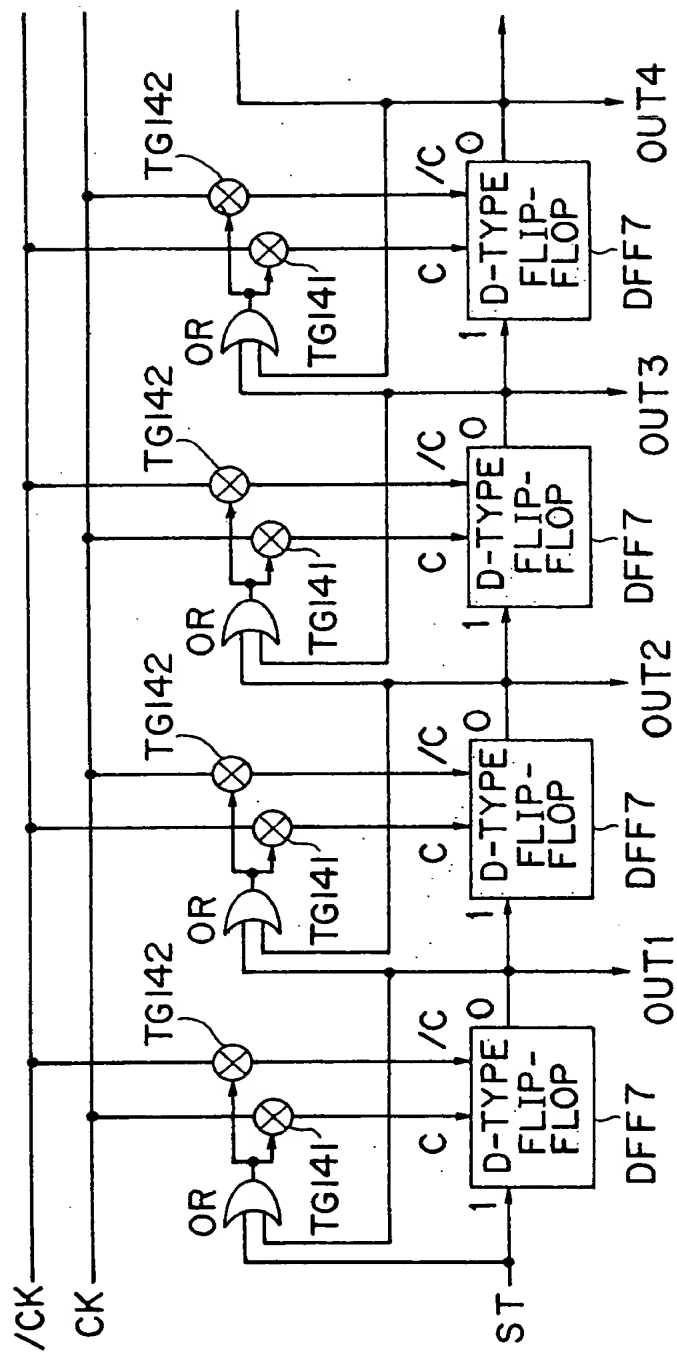


Fig.40A

PRIOR ART

ST



Fig.40B

PRIOR ART

CK



Fig.40C

PRIOR ART

CTL1



Fig.40D

PRIOR ART

OUT1



Fig.40E

PRIOR ART

CTL2

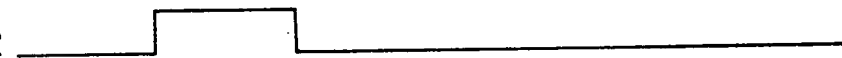


Fig.40F

PRIOR ART

OUT2

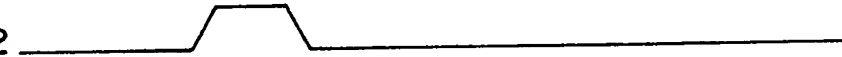


Fig.40G

PRIOR ART

CTL3

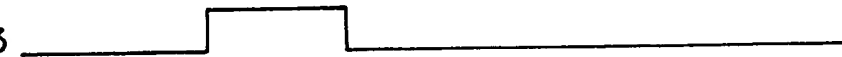


Fig.40H

PRIOR ART

OUT3

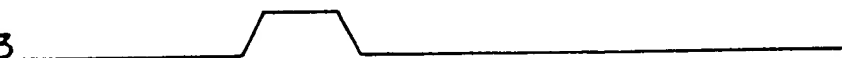


Fig.40I

PRIOR ART

CTL4



Fig.40J

PRIOR ART

OUT4



007567-0001

Fig.41A

PRIOR ART



Fig.41B

PRIOR ART



Fig.41C

PRIOR ART



Fig.41D

PRIOR ART



Fig.41E

PRIOR ART



Fig.41F

PRIOR ART



Fig.41G

PRIOR ART



Fig.41H

PRIOR ART

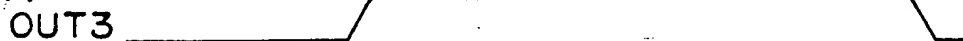


Fig.41I

PRIOR ART

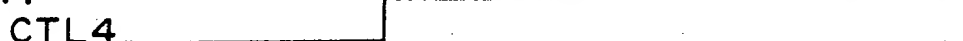


Fig.41J

PRIOR ART

